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had not been able to find tubers on the vulgaris, and the published description of that species made no mention of any.

There is growing in the Meehan nurseries, near Germantown, Pa., a specimen of *O. Rafinesquii* from New Jersey, which is identical with one from Illinois, also a specimen of *O. vulgaris*, from Harper's Ferry, Virginia, which is identical with the one collected near Haddonfield, N. J. These two species are somewhat closely allied; yet the form and position of the leaves are manifestly different, and being early deciduous is possibly the cause of their being so long confounded. Certain it is, if the two species as described are distinct, we have both of them in New Jersey.

Supernumerary Anterior Extremity in a Domestic Cow.—Dr. ALLEN exhibited a drawing of a malformation somewhat similar to that recorded in the Proceedings of July 25.

In this instance, however, the digits were reduced to two.



These were of unequal size and one only was terminal. The remaining digit was appended to the side of the metacarpus, but was not articulated with it. It was indeed a dwarfed digit held in position to the metacarpus by fibrous tissue and integument. When at rest it lay nearly parallel to the main digit. Each digit possessed a well-developed hoof-like covering, the larger mass being curved and compressed from side to side, while the smaller one was styliform.

Above the smaller digit was a small conical appendage, which may be considered a localized hypertrophy in the normal position of the "cleft."

AUGUST 22.

The President, Dr. RUSCHENBERGER, in the chair.

Twenty members present.

AUGUST 29.

The President, Dr. RUSCHENBERGER, in the chair.

Twelve members present.

A paper entitled "Note on the Discovery of Representatives of Two Orders of Fossils new to the Cretaceous Formation of North America," by Wm. M. Gabb, was presented for publication.

On the Coal and Iron Resources of Alabama.—Mr. WILLIAM GESNER remarked that a number of applied and interesting